



Arlington Conservation Commission

Date: Thursday, June 15, 2023

Time: 7:00 PM

Location: Conducted by Remote Participation

Please register in advance for this meeting. Reference materials, instructions, and access information for this specific meeting will be available 48 hours prior to the meeting on the Commission's agenda and minutes page. Pursuant to State Legislation suspending certain provisions of the Open Meeting Law, G. L. c. 30A, § 20 relating to the COVID-19 emergency, the June 1, 2023, public meeting of the Arlington Conservation Commission shall be physically closed to the public to avoid group congregation. The meeting shall instead be held virtually using Zoom. Please note: Not all items listed may in fact be discussed and other items not listed may be brought up for discussion to the extent permitted by law. This agenda includes those matters which can be reasonably anticipated to be discussed at the meeting.

Agenda

1. Administrative
 - a. Correspondence Received.
All correspondence is available to the public. For a full list, contact the Conservation Agent at concomm@town.arlington.ma.us.
 - b. May 18, 2023, Meeting Minutes
2. Discussion
 - a. Symmes Conservation Restriction / Arlington 360
 - b. Town of Arlington Artificial Turf Committee Discussion and Liaison Appointment
 - c. CPA Update and Liaison Appointment
 - d. Water Bodies Working Group
 - e. Tree Committee Liaison
 - f. Park & Recreation Commission Liaison
 - g. Open Space Committee
3. Hearings

Request for Determination of Applicability: 106-108 Varnum Street

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This public hearing will consider a Request for Determination of Applicability to pave a parking area in

the rear of 106-108 Varnum Street within Bordering Land Subject to Flooding (Zone AE).

Enforcement Order: 218 Pleasant Street. (Continuation)

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This public hearing will include discussion of activities at 218 Pleasant Street believed to be in violation of the Wetlands Protection Act and Arlington Bylaw for Wetlands Protection.



Town of Arlington, Massachusetts

Correspondence Received

Summary:

Correspondence Received.

All correspondence is available to the public. For a full list, contact the Conservation Agent at concomm@town.arlington.ma.us.

ATTACHMENTS:

	Type	File Name	Description
▢	Reference Material	Correspondence_Received_- _Town_Day_Eve_Fireworks.pdf	Correspondence Received - Town Day Eve Fireworks

Town Day eve fireworks

ted siegan <tedsiegan@gmail.com>

Mon 6/5/2023 9:36 PM

To: ConComm <ConComm@town.arlington.ma.us>

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Has the Concom received an application for the fireworks display?

Have you requested an application?

If not, why not?

Is there a state regulating agency that would be under the purview?

Personally, I have spoken to boat fishermen early in the morning after the fireworks who have complained of floating and partially submerged firework debris in Spy Pond.

Birds and other wildlife can be impacted by the loud booms. Many toxic and heavy metal chemical pollutants are dispersed into the air, ground and adjacent water.

A web search will uncover Boston Globe and many environmental publications concerning the impacts of fireworks.

I realize that town day eve fireworks are a long tradition that many people enjoy. The rest of us just stay home.

Regards,

Ted Siegan

Tedsiegan@gmail.com

617 306-2052



Town of Arlington, Massachusetts

May 18, 2023, Meeting Minutes

Summary:

May 18, 2023, Meeting Minutes



Town of Arlington, Massachusetts

Request for Determination of Applicability: 106-108 Varnum Street

Summary:

Request for Determination of Applicability: 106-108 Varnum Street

This public hearing will consider a Request for Determination of Applicability to pave a parking area in the rear of 106-108 Varnum Street within Bordering Land Subject to Flooding (Zone AE).

ATTACHMENTS:

	Type	File Name	Description
▣	Reference Material	106_Varnum_St_RDA_Site_Plan_(rev_060523).pdf	106 Varnum St RDA Site Plan
▣	Reference Material	106_Varnum_St_O_M.pdf	106 Varnum St O&M
▣	Reference Material	106-108_Varnum_Street_-_Minor_Permit_SW_Approval_Letter_-_2023.06.09.pdf	106-108 Varnum Street - Minor Permit SW Approval Letter

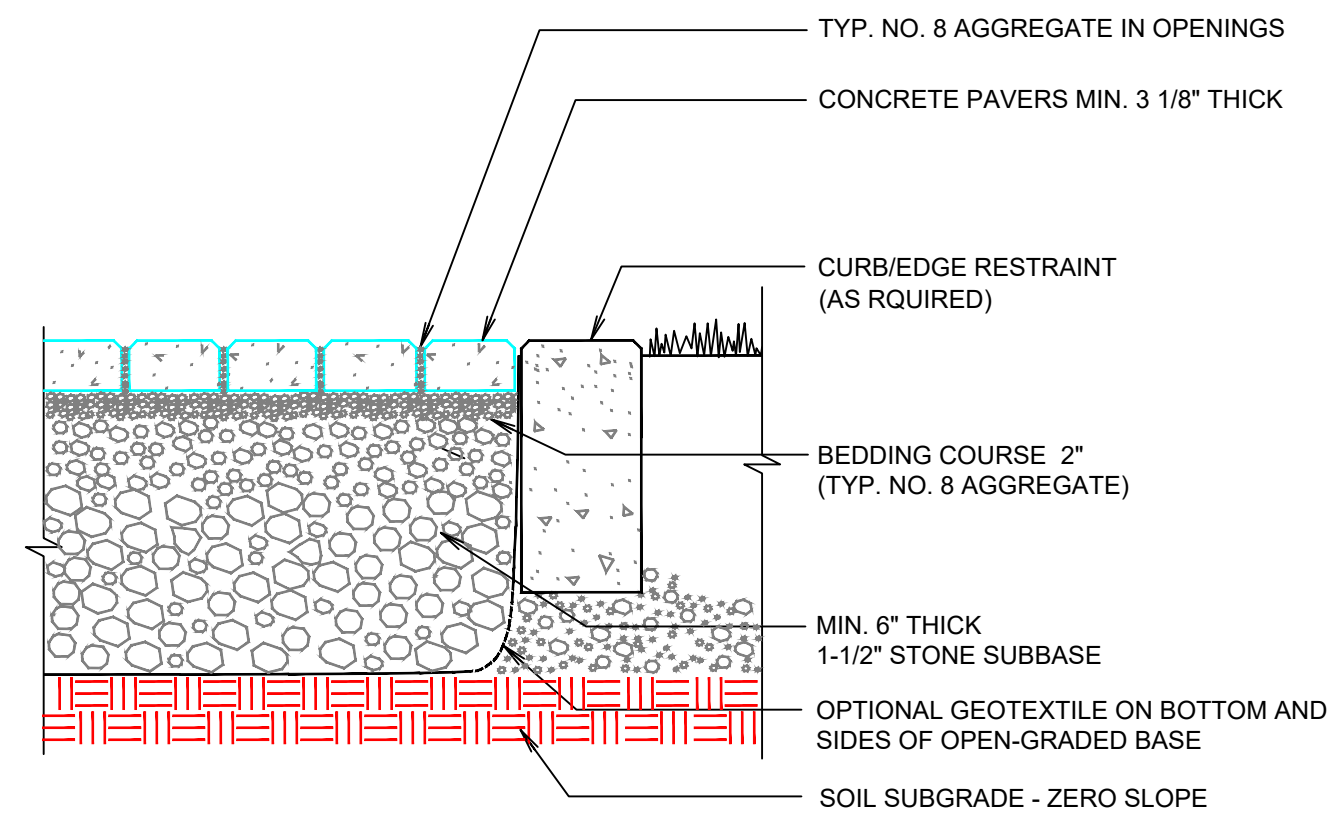
1. DISTURBED SOILS SHOULD BE STABILIZED AS SOON AS POSSIBLE. ADEQUATE MEASURES SHOULD BE TAKEN TO PREVENT EROSION AND TO CONTAIN SEDIMENT ON SITE. EROSION CONTROLS SUCH AS SILT FENCING, HAYBLES, AND SWEEPING SHOULD BE USED AS NECESSARY.

3. THE CONTRACTOR SHOULD MONITOR AREAS OF EXPOSED SOIL TO INSURE THAT EROSION IS KEPT TO A MINIMUM AND SEDIMENT IS CONTAINED ON-SITE. ANY SEDIMENT ENTERING THE RIGHT OF WAY SHOULD BE REMOVED IMMEDIATELY. ROADWAY STREET SWEEPING AND/OR CLEANING SHOULD TAKE PLACE AT THE END OF EACH WORK DAY.

5. PROPERTY LINE, EXISTING CONDITIONS, UTILITY AND SITE
DEVELOPMENT INFORMATION FROM PLAN BY;
R. J. O'CONNELL & ASSOC., INC., DATED: 5/25/23

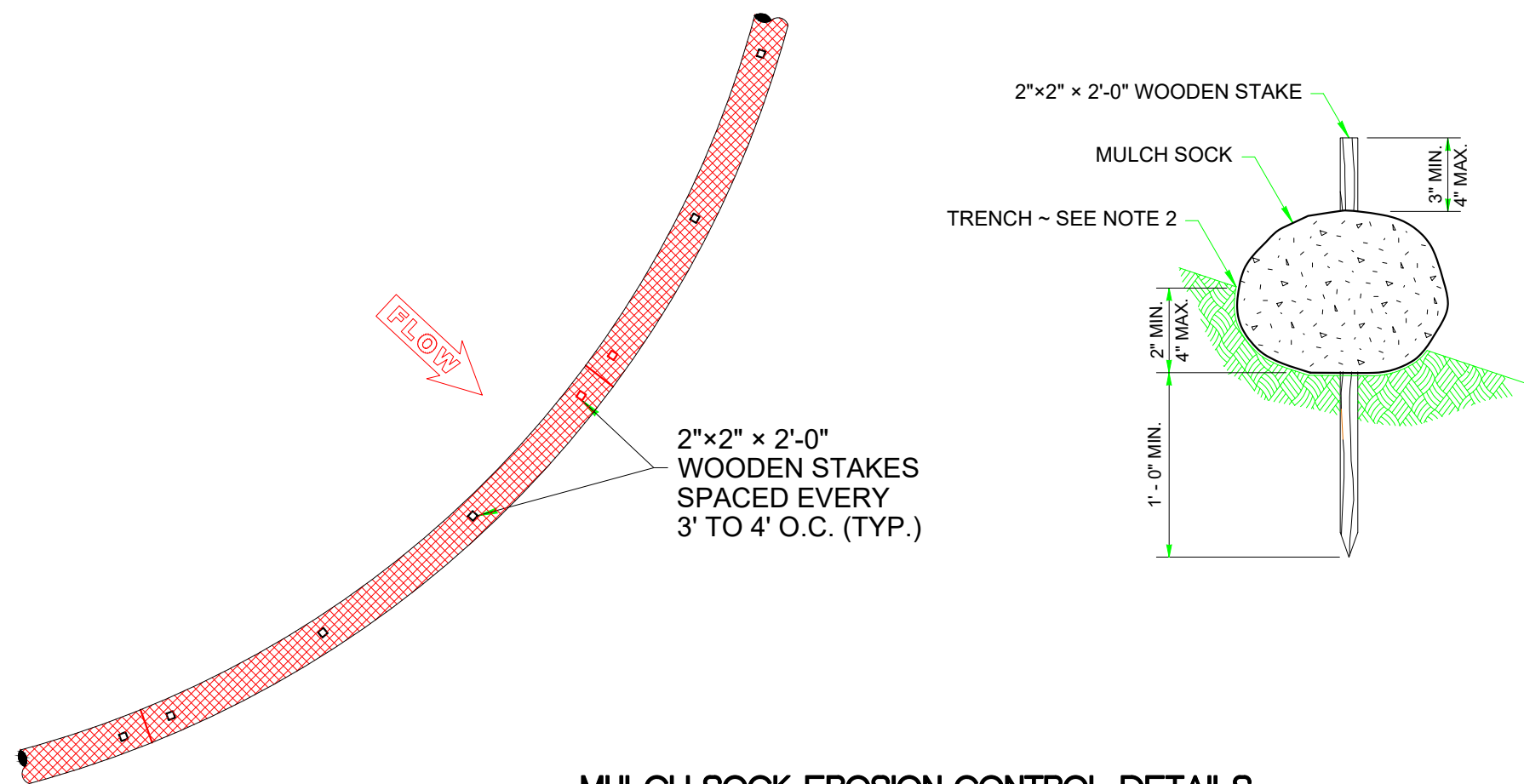
7. PROPOSED PERMEABLE PAVEMENT AREA SHOULD BE PROTECTED UNTIL SITE IS STABILIZED.

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) MAPS, THE MAJOR IMPROVEMENTS ON THIS PROPERTY FALL IN AN AREA DESIGNATED AS



**PERMEABLE PAVERS WITH FULL
EXFILTRATION TO SOIL SUBGRADE**
N.T.S.

360 S.F. X 8"/12 = 240 C.F. X 0.40 VOID RATIO = 96 C.F.
96 C.F. X 7.48 = 718 GALLONS > REQ. 640 GALLONS

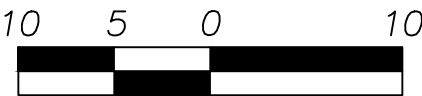


NOTES:
1. SOCK TO BE MAINTAINED DURING CONSTRUCTION.
2. WHEN UNABLE TO TRENCH AND/OR STAKE, SOCK SHOULD BE BACKED WITH GRAVEL.

106-108 VARNUM STREET
ARLINGTON, MASSACHUSETTS

P.O. BOX 296
WILFORD, MASSACHUSETTS 01981

90 PINE STREET
DANVERS, MA 01923
(978)204-2390



DATE: OCTOBER 31, 2022

SCALE: 1"=10'

SHEET C-1

OPERATION AND MAINTENANCE PLAN

106-108 VARNUM STREET – ARLINGTON, MASSACHUSETTS

June 1, 2023

GENERAL

The Best Management Practices (BMPs) used in the design of the permeable parking area at this property was chosen for its effectiveness at reducing peak discharge and infiltrating groundwater. Routine maintenance that is properly performed is essential in achieving the continued performance of the BMP. This Operations and Maintenance (O&M) Plan is intended to cover the post-construction maintenance of the permanent BMPs and site specific stormwater management.

MAINTENANCE REQUIREMENTS

Qualified personnel shall inspect the components of the permeable paver parking area as outlined below. To be considered “qualified”, personnel should have a working knowledge of the maintenance requirements. Qualified personnel shall be responsible for overseeing the required inspections and shall prepare annual reports.

SUMMARY OF MAINTENANCE REQUIREMENTS

BMP	MIN. FREQUENCY	RESPONSIBLE PARTY
Driveway Sweeping	once/quarter	HOMEOWNERS ASSOC.
Trash Removal	Inspect once/month Clean as necessary	HOMEOWNERS ASSOC.
Permeable Paver Parking area	Twice a year	HOMEOWNERS ASSOC.

June 1, 2023

RESPONSIBILITY TO ADMINISTER O&M PLAN

During construction, the general contractor/developer will be responsible for maintaining the stormwater management system in accordance with this O&M Plan until such time that ownership of the project or phases thereof are turned over to the owner. The owner is then responsible for maintaining the portions of the stormwater management system under their ownership in accordance with this O&M Plan. An estimated annual budget of \$500 will be required to complete the annual Operation and Maintenance of the Stormwater System. This estimate does not include replacement costs of the physical drainage components (if needed).

This section below (names and signatures) shall be updated with every change in ownership and/or person(s) responsible for administering/financing the O&M of the system.

Property Owner(s) responsible for the stormwater management system:

Name: _____ Name: _____

Signature: _____ Signature: _____

Person(s) responsible for financing maintenance and emergency repairs:

INSPECTION AND MAINTENANCE LOG

A sample inspection and maintenance log to be used is attached to the end of this O&M Plan. At a minimum, any inspection and maintenance log used shall include the following items:

- Date activity performed
- Specific inspection/maintenance task
- Contractor performing activity
- Recommended additional maintenance tasks

June 1, 2023

PROPOSED BMPS AND CORRESPONDING O&M REQUIREMENTS:

TRASH REMOVAL:

The properties' driveway, parking area, landscaped areas and walkways shall be inspected for litter and trash monthly as part of overall property maintenance. Any accumulated trash, litter and discarded materials in these areas shall be removed.

No disposal of materials will be permitted within the landscaped areas or wooded areas on the Site. This prohibition applies to trash, fill material, construction debris, grass clippings, collected leaves and cut branches.

BITUMINOUS PAVEMENT SWEEPING:

Sweeping of the bituminous concrete driveway by a high efficiency or regenerative air sweeper shall be conducted once per quarter. All sweepings shall be handled and disposed of in accordance with applicable local, state and federal guidelines and regulations.

PERMEABLE PAVER PARKING AREA CLEANING:

The upgradient pavement surface is the first line of defense in trapping and eliminating sediment that may otherwise enter the stone base and soil subgrade. Minimizing salt use or sand for de-icing and traction in the winter, keeping the landscaping areas well maintained and preventing soil from being washed onto the pavement helps increase its life.

The rate of sediment deposition should be monitored, and vacuuming done at least two times per year. A typical vacuum cleaning schedule may include the end of winter (April) and after autumn leaf-fall (November). The vacuuming frequency should be adjusted according to the intensity of use and deposition rate on the permeable pavement surface. At least one pass should occur at the end of winter. Regenerative air vacuum sweepers are the suggested means for regular surface cleaning. If a true vacuum sweeper is used, the removed aggregate in the joints should be replaced with the same material.

STORMWATER MANAGEMENT SYSTEM
INSPECTION/MAINTENANCE LOG
106 VARNUM STREET, ARLINGTON, MA

Date: _____

Name: _____

Contractor Sign off: _____

STRUCTURAL COMPONENT	SPECIFIC MAINTENANCE OR INSPECTION TASK	REPAIR NEEDED?	RECOMMENDED ADDITIONAL MAINTENANCE AND COMMENTS



Engineering Division

TOWN OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
51 GROVE STREET
ARLINGTON, MA 02476

Phone: 781-316-3320
Fax: 781-316-3281

Friday, June 09, 2023

John Barrows
Salem Village Consulting, LLC
90 Pine Street
Danvers, MA 01923

RE: 106-108 Varnum Street – Minor Stormwater Management Permit Review - APPROVED

The Town of Arlington Engineering Division has completed the review of the Minor Stormwater Management Permit application for the expansion of a driveway at 106-108 Varnum Street. The property is currently improved by a single-family residence and associated site features (i.e. driveway, walkway, etc.). The proposed driveway expansion will include the creation of new impervious asphalt (~248-SF) and new permeable pavers (~360-SF). The Engineering Division has determined that the design submittal is acceptable and the permit application is **APPROVED** with the following conditions and requirements:

1. The following inspections shall be coordinated with the Engineering Division by phone at 781-316-3320 or by email at engineering@town.arlington.ma.us a minimum of 24-hours in advance of the requested inspection time:
 - a) Bottom of Excavation
 - b) System Installation Prior to Porous Surface Installation
2. Subsequent to the required inspections, the following shall be submitted to the Engineering Division in order to obtain a **Stormwater Management Certificate of Completion (SMCC)** for this Minor Permit:
 - a) **As-Built Site Plan**, stamped, signed and dated by the Applicant, Contractor, or their Designee, showing at a minimum the location of, dimensions of, and swing-ties to the installed stormwater management systems and associated observation ports, as well as all newly installed impervious areas (buildings, patios, walks, driveways, sheds, etc.) and the corresponding as-built increase in impervious area present on the site;
 - b) **Statement of Compliance**, stamped, signed and dated by the Applicant, Contractor, or their Designee, stating that the stormwater management system and impervious areas were constructed in accordance with the approved design package and meet the requirements set forth in Title V Article 15 of the Town of Arlington Bylaws.
3. Please note that approval of the design package does not defer, discharge, or release the Owner's responsibility to construct the stormwater management system as designed, to complete ongoing maintenance of the system, to limit the extents of impervious areas to those presented in the approved package, and to ensure that additional stormwater flows are not directed to abutting properties following construction and installation.
4. **This approval is for installation of the on-site stormwater management systems only.** Additional permitting may be required for any utility work proposed to take place within the Town right-of-way.

If you should have any questions or would like to discuss any of the above comments, please feel free to contact the Arlington Engineering Division at 781-316-3320.

Thank You,

William C. Copithorne
Assistant Town Engineer